FEMA Region 6
Weather Threat Briefing

Wednesday, April 17, 2019

Disclaimer: The purpose of this briefing is to provide a Regional weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh.
Summary of the Upcoming Week

Today

• Severe thunderstorms *likely* across eastern half of FEMA Region 6. Large hail is the primary hazard. Damaging winds, a tornado or two possible.
  • Enhanced risk area for severe thunderstorms across OK & N and Central TX.
  • Slight risk area extends into E TX, W AR and NW LA.
  • Isolated (marginal risk) strong to severe thunderstorms possible across E AR and N LA.
• Critical fire weather conditions across TX Big Bend
• Heavy rainfall/isolated flash flooding possible across OK, Central and E TX, AR & N LA.

Thursday

• Enhanced risk area for severe thunderstorms across SE LA. Damaging winds and a few tornadoes possible.
• Slight risk area for severe thunderstorms across LA/E AR. Damaging winds and a few tornadoes possible.
• Heavy rainfall/isolated flash flooding possible across E LA/E AR.

Friday - Sunday

• No significant weather impacts expected.

River Flooding

• Moderate to Major river flooding will continue on the Mississippi River in E/SE LA.
  • Impacts to shipping and industrial activities on the river, numerous flooded roadways near the river.
  • Current forecasts show levels will continue to fall into next week. These forecast ONLY capture rainfall expected in the next 24 hours.
• Minor flooding occurring across NE TX/N LA and AR. Rainfall the next few days could cause additional rises, however no major impacts expected.

## FEMA Region 6 Threat Matrix

**Apr 17, 2019 – Apr 21, 2019**

### DAY / THREAT

<table>
<thead>
<tr>
<th>DAY / THREAT</th>
<th>WED</th>
<th>THU</th>
<th>FRI</th>
<th>SAT</th>
<th>SUN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Severe Storms</td>
<td>OK/C &amp; N TX</td>
<td>E/SE LA</td>
<td></td>
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<tr>
<td></td>
<td>E TX/W AR</td>
<td>E AR</td>
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<td></td>
<td>NW LA</td>
<td></td>
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<tr>
<td></td>
<td>E AR/N LA</td>
<td>SETX/C AR/W LA</td>
<td></td>
<td></td>
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<tr>
<td>Heavy Rain / Flash Flooding</td>
<td>E TX/AR/N LA</td>
<td>E AR/E LA</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>OK/CTX/N AR</td>
<td>CAR/W LA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Winter Weather</td>
<td>TX Big Bend</td>
<td></td>
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<td></td>
<td></td>
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<tr>
<td>Fire Weather</td>
<td>TX Big Bend</td>
<td></td>
<td></td>
<td>S NM/W TX</td>
<td></td>
</tr>
<tr>
<td>River Flooding</td>
<td>E/SE LA</td>
<td>E/SE LA</td>
<td>E/SE LA</td>
<td>E/SE LA</td>
<td>E/SE LA</td>
</tr>
<tr>
<td></td>
<td>AR/N LA/NETX</td>
<td>AR/N LA/NETX</td>
<td>AR/N LA/NETX</td>
<td>AR/N LA/NETX</td>
<td>AR/N LA/NETX</td>
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</tbody>
</table>

*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.*

For more details on the colors in the threat matrix refer to the last slide in this briefing.
Moderate to Major river flooding will continue on the Mississippi River in E/SE LA.

- MS River at Baton Rouge is at Major flood. Shipping and industrial activities are significantly affected.
- Several other points remain at moderate flood.
- The Bonnet Carre Spillway is operating to reduce flow and maintain just under a 17.0ft stage at New Orleans. It will remain open until further notice. No impacts are noted.

Minor river flooding will continue for much of this week on the MS River in E AR.

- Minor flooding ongoing across NETX/AR and N LA. Rainfall the next few days may cause some additional rises, however no major impacts expected.

Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall.
Today's Weather

Forecast Chart

Severe Weather Outlook

Forecast Rainfall

Excessive Rainfall Outlook

Enhanced risk for severe thunderstorms across OK, N and Central TX.

Slight risk area for severe thunderstorms across E TX, W AR and NW LA.

Heavy rainfall/isolated flash flooding possible across E and Central TX, AR, OK, and NW LA.

Isolated strong to severe thunderstorms possible across E AR & N LA.
Watches, Warnings, and Advisories

**Fire Weather**

- **Strong & Gusty Winds**
  - Wind Advisory across W TX and NW NM.
  - Winter Weather Advisory NM Mountains.

- **Winter Weather**
  - Flash Flood Watch across ArkLaTex.
  - Red Flag Warning for TX Big Bend.

**Severe Weather & Flooding**

- **Flash Flood Watch** across ArkLaTex.
- **Red Flag Warning** for TX Big Bend.
- **Winter Weather Advisory** NM Mountains.
**Tomorrow’s Weather**

**Forecast Chart**

- **Severe Weather Outlook**
  - Thursday, April 18, 2019

- **Excessive Rainfall Outlook**

**Forecast Rainfall**

- **Enhanced risk for severe thunderstorms across SE LA.**
- **Slight risk area for severe thunderstorms across E AR.**
- **Heavy rain/isolated flash flooding possible across much of AR & LA.**
- **Isolated strong to severe thunderstorms possible across SE TX, Central AR & W LA.**
No significant weather impacts expected.
Days 4-5 Weather Hazards

Saturday – Sunday

No significant weather impacts expected.

No significant weather impacts expected.

*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.*

For more details on the colors in the threat matrix refer to the last slide in this briefing.
# Space Weather 3-Day Forecast

<table>
<thead>
<tr>
<th></th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
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<tbody>
<tr>
<td>Geomagnetic Storms</td>
<td>Quiet (Max Kp = 2)</td>
<td>Quiet (Max Kp = 2)</td>
<td>Quiet (Max Kp = 2)</td>
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<tr>
<td>Solar Radiation Storm</td>
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<td>1%</td>
<td>1%</td>
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<tr>
<td>(S1-S5)</td>
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</tr>
<tr>
<td>Radio Blackout</td>
<td>1%</td>
<td>1%</td>
<td>1%</td>
</tr>
<tr>
<td>(R1-R2)</td>
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</tr>
<tr>
<td>Radio Blackout</td>
<td>1%</td>
<td>1%</td>
<td>1%</td>
</tr>
<tr>
<td>(R3-R5)</td>
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## 3-Day Space Weather Forecast Text

Click here for a Description of the Space Weather Storm Scales

Click here for the Latest 3-Day Space Weather Forecast Text
For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747
E-mail: sr-srh.roc@noaa.gov
Web: http://www.weather.gov/srh
<table>
<thead>
<tr>
<th>Color</th>
<th>Definition</th>
<th>Criteria</th>
<th>Example(s)</th>
</tr>
</thead>
</table>
| **Green** | Very Common                                                               | Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines                                                                                 | • Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees  
   • Something that happens almost every day in a particular season such as seabreeze storms in coastal TX  
   • 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible  
   • Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and -1” hail |
| **Yellow**| Somewhat Common – Happens Frequently                                       | Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life                                                                                     | • A snow/drift mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely  
   • Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail  
   • Some large fires reported, burn bans advertised, critical conditions expected |
| **Orange**| Uncommon – A Few Times a Year                                             | Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life                                                                     | • A Category 1 hurricane will be moving towards the NW Gulf in the next few days  
   • Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail  
   • Large fires ongoing throughout the area with critical fire weather conditions expected to continue |
| **Red**   | Rare – Once every 1-5 Years                                               | Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life                                                                 | • A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow  
   • Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms |
| **Purple**| Very Rare – Once Every 5-10 Years                                          | Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life | •                                                                      |